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BELYKH, I. N.

"The Effect of Surface Active Agents on the Binding of Concrete to Reinforcements." Cand Tech Sci, Leningrad Inst of Railroad Transport Engineers, Leningrad, 1954. (RZhKhim, No 6, 1955)

So: Sum. No 670, 29, Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR HigherEducational Institutions (15)

BELYKH, I.M.

A busy worker. Avtom., telem. i sviaz' 9 no.8:39 Ag '65. (MIRA 18:9)

1. Nachal'nik otdela signalizatsii i svyazi Permskogo otdeleniya Sverdlovskoy dorogi.

BELYKH, I.M.

Transmission of information is a technological basis for scientific organization of the work of traffic workers. Avtom., telem. i sviaz' 9 no.7:24-26 JI '65. (MIRA 18:8)

1. Nachal'nik otдела signalizatsii i svyazi Permskogo otdeleniya Sverdlovskoy dorogi.

BELYKH, I. M.

Some shortcomings of SP-1 electric drives. Avtom., telem.
i svyaz' 7 no.4:41 Ap '63. (MIRA 16:4)

1. Nachal'nik otdela signalizatsii, tsentralizatsii,
blokirovki i svyazi Permskogo otdeleniya Sverdlovskoy
dorogi.

(Electric driving)
(Railroads--Electric equipment)

OLEYNIKOV, Viktor Alekseyevich, kand. tekhn. nauk; BELYKH, Ivan Kalistratovich, inzh.; BARANOVSKIY, Boris Grigor'yevich, inzh.; SIDOROV, Anatoliy Ivanovich, inzh.; SHIPULIN, P.P., kand. tekhn. nauk, red.; YEGOR'KOV, N.F., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Servo system for electric spark machining] Slediashchaia sistema dlia elektroerozionnogo stanka. Leningrad, 1960. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seria: Elektricheskie metody obrabotki materialov, no.4)

(Electric metal cutting) (Automatic control)

(MIRA 14:10)

BELYKH, Ivan Kalistratovich, inzh.; ACHKINADZE, Sh.D., red.; SHILLING,
V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Modernization of the LKZ-18 machine for electric spark machining;
practices of the Kirov Plant in Leningrad] Modernizatsiia elektro-
iskrovogo stanka LKZ-18; iz opyta Leningraskogo Kirovskogo zavoda.
Leningrad, 1960. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi pro-
pagandy. Obmen peredovym opytom. Seriya: Elektricheskie metody, ob-
rabotki materialov, no.3) (MIRA 14:10)
(Electric metal cutting---Equipment and supplies)

BELYKH, G.V.

New developments in the work of veterinary bacteriological
laboratories in Moldavia. Veterinariia 39 no.8:14-17 Ag '62.
(MIRA 17:12)

1. Glavnyy veterinarnyy vrach Upravleniya veterinarii
Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh
produktov Moldavskoy SSR.

BELYKH, G. V. (Head Veterinary Doctor of the Administration of Veterinary Medicine,
Ministry of Production and Procurement of Agricultural Products, Moldavian SSR)

"News in the work of veterinary-bacteriological laboratories of Moldavia"

Veterinariya, vol. 39, no. 8, August 1962 pp. 14

Gamma spectrum from a...

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S/089/62/012/003/013/013
B102/B108

Fig. 3. Corrected gamma spectrum from VVR-M reactor; arbitrary units.

Table 1. Gamma line identification.

Legend: (1) number of line, (2) element; (a) uranium fission products.

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S/089/62/012/003/013/013
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26.2246

AUTHORS: Barchuk, I. F., Belykh, G. V., Golyshkin V. I.
Ogorodnik, A. F.

TITLE: Gamma spectrum from a horizontal channel of a BBP-M (VVR-M)
reactor

PERIODICAL: Atomnaya energiya, v. 12, no. 3, 1962, 251 - 253

TEXT: A Compton gamma spectrometer with non-uniform magnetic field and 180°-recoil electron focusing was used to measure the spectrum of gammas emerging from a horizontal channel of a VVR-M reactor. The recoil electrons leaving the spectrometer radiator were recorded with three coincidence gas counters. The channel leads from the Be reflector of the core through shields of water, pig iron, concrete, paraffin + boron carbide and lead. Inside the channel are a neutron filter (paraffin + boron carbide), a steel and a lead collimator. The results are shown in Fig. 3 and the Table 1. There are 3 figures, 2 tables, and 5 Soviet references. ✓

SUBMITTED: August 16, 1961

Card 1/0 2

Magnetic spectrometer with ...

S/185/62/007/001/002/014
D299/D302

version electrons during the decay of Cs^{137} and of γ -rays of Co^{60} . With an angle of incidence of 30° , a resolution of 0.5 % was obtained for the Cs^{137} -line (660 KeV); it is recommended using only external electron-orbits when measuring β -preparations. The resolution for the Co^{60} -line was 1 %. Further, the electron orbits and the resolving power of the instrument are calculated. The calculations involve several approximate formulas. The spectrometer was built by the authors and is designed for studying γ -ray spectra, emitted by nuclei on capture of thermal neutrons in the reactor VVR-M. There are 5 figures and 7 references: 4 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: E.M. Langer, C.S. Cook, Rev. Sci. Instr., 19, 257, 1948; P.M. Beiduk, E.J. Konopinski, Rev. Sci. Instr., 19, 504, 1948; E. Persico, G. Geoffrion, Rev. Sci. Instr., 21, 945, 1950.

ASSOCIATION: Instytut fizyki AN URSR (Institute of Physics of the AS UkrRSR), Kyiv

SUBMITTED: March 14, 1961

Card 2/2

X

BELYKH, G. V.

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24.640

AUTHORS: Barchuk, I. F., Byelykh, G. V., Holiyskin, V. I., and
Ohorodnyk, A. F.

TITLE: Magnetic spectrometer with nonhomogeneous field

PERIODICAL: Ukrayins'kyi fizychnyy zhurnal, v. 7, no. 1, 1962,
15 - 20

TEXT: A spectrometer with nonhomogeneous axially-symmetric field is described which can be used both as a Compton γ -spectrometer and as a p-spectrometer. The instrument has greater resolving power than spectrometers using a homogeneous field; it has also the advantage of using a single field for both the collimation and focusing of electrons; this facilitates considerably the design and operation of the instrument. The spectrometer incorporates a C-shaped magnet (made of Steel-3), a vacuum chamber (in the form of a brass cylinder of diameter 600 mm and height 136 mm), and 3 counters. In order to check the operation of the instrument and to obtain its spectral characteristics, test measurements were conducted of the spectra of con-
Card 1/2

BELYKH, G. V.

USSR/Fitting Out of Laboratories - Instruments, Their Theory, Construction, and Use, H

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61925

Author: Barchuk, I. F., Belykh, G. V.

Institution: None

Title: Magnetic Prismatic β -Spectrometer with Scintillation Electron Counter

Original

Periodical: Ukr. fiz. zh., 1956, 1, No 1, 98-105; Ukrainian

Abstract: Calculations are presented and a description is given of the design of a β -spectrometer, axially symmetrical and with a scintillation electron counter.

Card 1/1

BARCHUK, I.F.; BELYKH, G.V. [Bielykh, H.V.]; GOLYSHKIN, V.I. [Holyshkin, V.Y.];
OGORODNIK, A.F. [Ohorodnyk, A.F.]

Magnetic spectrometer with a nonhomogeneous field. Ukr.fiz.zhur.
7 no.1:15-21 Ja '62. (MIRA 15:11)

1. Institut fiziki AN UkrSSR, Kiyev.
(Spectrometer)

GORELİK, N.G.; Primali uchastiye: CHUKOVENKOV, N.I.; MYAGKOVA, I.V.;
BELYKH, G.D.; KONONOVA, L.K.

Method of controlling the process of production of bivinyll
from alcohol. Khim. prom. no.4:312-314 Ap '63.
(MIRA 16:8)

ZELIGMAN, S.B.; BELYKH, G.A. [Bielykh, H.A.]

Content of certain trace elements (Si, Al, Mn, Cu) in the skeleton
of the human larynx, as related to the chronological development.
Ukr.biokhim.zhur. 31 no.6:868-876 '59. (MIRA 13:5)

1. Department of Normal Anatomy and Department of Biological
Chemistry of the Stalino Medical Institute.
(LARYNX)

Country : USSR
Category: Human and Animal Physiology. Metabolism. T
Water-salt Metabolism.
Abs Jour: RZhBiol., No 19, 1958, 88597
Author : Belykh, G.I.
Inst : -
Title : The Effect of Various Functional States of the
Central Nervous System Upon the Content of Micro-
elements in the Blood of Animals.

Orig Pub: Ukr. biokhim. zh., 1958, 30, No 1, 10-17

Abstract: Following inhibition of the C.N.S. (ether, barbaryl, pentothal), a decrease of Mg, Si and Cu content in the blood of dogs was noted; following stimulation of the C.N.S. (caffeine) their values increased. Since the changes of the content of microelements in the blood have a marked wave-like character, it is necessary to make fre-

Card : 1/2

T-8

VASILENKO, A.G., BELYKH, G.A.

Studies on controlled variability of Enterobacteriaceae employing
radioactive sulfur and phosphorus [with summary in English].
Mikrobiologiya 27 no.5:565-569 S-O '58 (MIRA 11:12)

1. Stalinskiy meditsinskoy institut imeni A.M. Gor'kogo, Stalino:
(BACTERIA,

Enterobacteriaceae, variability in presence of Salmonella
breslau, radiosulfur & radiophosphorus studies (Rus))
(SALMONELLA,

breslau, eff. on variability of Enterobacteriaceae,
radiosulfur & radiophosphorus studies (Rus))

Trace
BELYKH, G.A., Cand Med Sci -- (diss) *Effect* "Influence of various functional States of the Central Nervous System on the Contents of certain ~~elements~~ elements in the blood of Dogs." Stalino, 1958, 15 pp (Stalinovskiy State Med Inst im A.V. Gor'kiy), 300 copies (KL, hl-58, 122) *Stalino*

BELYKH, F.I.

Calculation of the water exchange of the Rybinsk Reservoir
with the ground basin surrounding it. Sbor. rab. Ryb.
gidromet. obser. no. 2:3-19 ' 65 (MIRA 19:1)

BELYKH, F.I.; SEMENOV, Ye.F.; STANKEVICH, Ye.F.

"Kuybyshev Reservoir" by T.N. Borovkova, P.I. Nikulin, and
V.M. Shirokov. Reviewed by F.I. Belykh, E.F. Semenov; E.F.
Stankevich. Meteor. i gidrol. no.7:49-50 J1 '64
(MIRA 17:8)

BELYKH, F.I.

Computation of water losses caused by the settling of ice and snow
on banks during the falling of the water level of reservoirs
in winter. Sbor. rab. Mosk. gidromet. obser. no.1:3-9 '60.
(MIRA 14:11)

(Ice on rivers, lakes, etc.)
(Rybinsk Reservoir--Hydrology)

BELYKH, F.I.

Tower for reservoir observations. Sbor. rab. po gidrol. no.2:
29-32 '61. (MIRA 15:2)

1. Rybinskaya gidrometobservatoriya.
(Hydrography)

BELYKH, F.I.

Method of calculating the mean level of Rybinsk Reservoir.
Sbor. rab. Ryb. gidromet. obser. no.1:25-50 '59. (MIRA 14:7)
(Rybinsk Reservoir---Hydrography)

BELYKH, F.I.

Accuracy of determining the discharge of water through the
hydraulic structures of the Rybinsk hydroelectric center.
Sbor. rab. Ryb. gidromet. obser. no.1:3-24 '59. (MIRA 14:7)
(Rybinsk Reservoir--Hydrology)

BELEKH, F. I.

Proposal on the improvement of the ice drill 601-47
Meteorol. i Klimatologiya, No 10, 66-68, 1953

The author proposes the sharpening of the drilling bit of the ice drill 601-47 be changed by change of the angle between the two cutting edges, diverging up to the center to 100-110° instead of 120°. During mass measurements of the thickness of ice by the perfected drill the productivity of drilling operations is increased 50% on the average, as the author has suggested. (Makool, No 1 1953)

SO: Sum. 492, 12 May 55

BELYKH, F. I.

Rigid assembly of wave-measuring markers. Meteor. i gidrol. no. 9:
52-54 S-0 '53. (MLRA 8:9)
(Waves)

BELYKH, F. I., and TACHALOV, S. N.

"Hydrometeorological Servicing of the Shcherbakov Hydroelectric Power Station During the Period of Formation of Ice Accumulations," Meteorol. i gidrologiya, No 9, 1953, pp 41-44.

An analysis of the causes of the occurrence of bottom ice (underwater ice) at the Shcherbakov Hydroelectric Power Station in 1950 and 1952 showed that strong winds during the period of ice accumulation (greater than 10 meters/second) caused supercooling of the water in the reservoir. In 1950 the formation of the focus of supercooled water in the central part of the Sheksninskiy orifice occurred for air temperatures -3 to -5° , when the station operated with mean discharges; in 1952 during clear weather with air temperatures -5 to -7° the station operated with minimum discharge. (RZhGeol, No 5, 1954)

SO: Sum. No. 568, 6 Jul 55

BEIY KH, D.P., kand. ist. nauk; VALYULIS, I.A.; GOTSKIY, M.V., kapitan dal'nego plavaniya [deceased]; D'YACHUK, I.L., kapitan dal'nego plavaniya; KALMYKOV, F.A., kapitan dal'nego plavaniya; KREMS, A.K., kapitan dal'nego plavaniya; KOLOTOV, N.A., dots.; PETRENKO, S.A.; RASKATOV, A.S.; FISHER, Ye.L.; DVORNAYK, B.M., otv. red.; LEVITSKIY, V.L., red.; LYUTIKOV, V.K.; MALAKHOV, N.N., red.; POL', P.A., red.; RASKATOV, A.S., red.; CHICINARKHIN, V.S., red.; RADOSTIN, V.A., red.; LAVRENOVA, N.B., tekhn. red.

[History of Far Eastern Steamship Lines] Istorii dal'nevostochnogo parokhodstva; ocherki. Moskva, Izd-vo "Morskoi transport," 1962. 263 p. (MIRA15:11)
(Soviet Far East--Merchant marine)

VISHNEVSKIY, V.M., kand.istor.nauk; GAYDASHENKO, K.P.; DUDOROV, V.M.;
KLEYMAN, T.Ye.; KRUSHANOV, A.I., kand.istor.nauk; KUCHERYAVENKO,
V.T.; LEVITSKIY, V.L.; OKSYUZ'YAN, D.V.; POLYAKOV, V.V.;
SAMOKHVALOV, V.A.; SVIN'IN, V.V.; STEPANOVA, L.F.; SUSHKOV, B.A.;
FISHER, Ye.L.; BELYKH, D.P., otv.red.; AVERKIN, B.Z., red.;
ZUSMAN, Ye.I., red.; MAYOROV, V.M., red.; KIREYEVA, T.R.,
vedushchiy red.; BUTOVA, L.A., tekhn.red.

Vladivostok, 1860-1960. Vladivostok, Primorskoe knizhnoe
izd-vo, 1960. 271 p. (MIRA 13:11)
(Vladivostok)

BELYKH, D., kand.istor.nauk

In the foremost teams of the Far Eastern Steamship line.
Mor. flot 21 no.10:10-12 0 '61. (MIRA 14:9)

1. Sekretar' Vladivostokskogo gorodskogo komiteta kommunist-
icheskoy partii Sovetskogo Soyuza,
(Soviet Far East--Merchant seamen)

BELYKH, B.P., dotsent

Protection system using an operative high frequency current
for preventing single-phase short-circuits to ground in
networks with 3-6 kv.voltages. Izv. vys. ucheb. zav.;gor.zhur.
7 no.3:136-138 '64 (MIRA 17:8)

1. Magnitogorskiy gorno-metallurgicheskiy institut imeni
G.I. Nosova. Rekomendovana kafedroy avtomatizatsii proizvod-
stvennykh protsessov.

BELYKH, B.P., dotsent; MEDVEDEV, N.V., inzh.

Study of the safe operation of electric equipment in mines of
the Karabash Mining and Ore Dressing Combine. Izv.vys.sheb.
zav.; gor. zhur. 6 no. 12:170-176 '63. (MIRA 17:5)

1. Magnitoforskiy gornometallurgicheskiy institut. Rekomendovana
kafedroy gornoy elektrotekhniki.

BELYKH, B. P.; SVERDEL', I. S.; DIOMIDOV, A. P.; TROP, A. Ye.

"Automatic control in ore dressing plants" by V. A. Bun'ko, S. A. Volotkovskii, and N. G. IAnkilevich. Reviewed by B. P. Belykh, and others. *Gorn. zhur.* no.11: 77-78 N '62. (MIRA 15:10)

1. Magnitogorskiy gornometallurgicheskiy institut (for Belykh).
2. Sokolovsko-Sarbayaskiy gornoobogatitel'nyy kombinat (for Sverdel'). Sverdlovskiy gornyy institut (for Diomidov, Trop).

(Ore dressing--Equipment and supplies)
(Automatic control) (Bun'ko, V. A.)
(Volotkovskii, S. A.) (IAnkilevich, N. G.)

BELYKH, B.P., dotsent; AKHLYUSTIN, V.K., dotsent; AVRINSKIY, R.B., inzh.

Conditions of safe servicing of electric equipment with a 6000 v. potential in pits of the Korkinugol' Trust. Izv.vys.ucheb.zav.; gor.zhur. 5 no.2:131-134 '62. (MIRA 15:4)

1. Magnotogorskiy gornometallurgicheskiy institut imeni G.I.Nosova. Rekomendovana kafedroy avtomatizatsii proiavodstvennykh protsessov. (Chelyabinsk Basin---Excavating machinery---Electric driving)

BELYKH, B.P., dots.; PETROV, I.P., dots.; PETROV, Yu.S., kand.tekhn.nauk;
KOMLEV, V.P., assistant

Good manual for higher schools. Izv.vys.ucheb.zav.; gor.zhur.
no.4:141-144 '58. (MIRA 11:11)
(Mining engineering--Study and teaching)

BELYKH, Boris Petrovich, dotsent; CHEKANOV, Vasilii Demidovich, inzh.;
AKHLYUSTIN, V.K., kand.tekhn.nauk, retsenzent; PETROV, I.P.,
dotsent; KULAKOV, S.N., inzh., red.; LUCHKO, Yu.V., red. izd-va;
ZEF, Ye.M., tekhn.red.

[Electric engineering in mines] Gornaia elektrotekhnika.
Sverdlovsk, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i
tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1958. 575 p.
(Electricity in mining) (MIRA 12:1)

BELYKH, Boris Petrovich, dotsent; SERMAN, A.M., redaktor; LUCHKO, Yu.V.,
redaktor izdatel'stva; KOVALENKO, N.I., tekhnicheskii redaktor

[Protective grounding and neutralization in mining] Zashchitnye
zazemleniia i zanuleniya v gornorudnoi promyshlennosti. Sverdlovsk,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
Sverdlovskoe otd-nie, 1956. 158 p. (MIRA 9:8)
(Electricity in mining)

BElyKH, B.F.

VOLOTKOVSKIY, Sergey Andronikovich, professor; ~~BElyKH~~ Boris Petrovich,
dotsent; KANDEL', Yefim Aleksandrovich, inzhener; SERMAN, A.M.,
redaktor; LUCHKO, Yu.V., redaktor; KOVALENKO, N.I., tekhnicheskii
redaktor

[Operation of the electric equipment on mine-pit excavators]
Eksploataatsiya elektrooborudovaniya kar'ernykh ekskavatorov.
Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi
metallurgii, 1954. 274 p. (MLRA 8:3)
(Excavating machinery)

VOLOTKOVSKIY, S.A., professor; Belykh, B.P., kandidat tekhnicheskikh nauk; BORISOV, S.K., inzhener.

[Electrical equipment of single-bucket excavators] Elektricheskoe oborudovanie odnokovshevyykh ekskavatorov. Moskva, Ugletekhizdat, 1953. 370 p. (MLRA 6:12)

(Excavating machinery)

BELYKH, B. P.

BANNIKOV, D.P.; SHEFTER, S.A., redaktor; KANDEL', Ye.A., inzhener, retsenzent.

BELYKH, B.P., dotsent, retsenzent.

[Mining electric engineering] Gornaya elektrotehnika. Sverdlovsk,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1953. 312 p. (MLRA 7:7)
(Electricity in mining)

BELYKH, B.P., dotsent; VOLOTKOVSKIY, S.A., professor.

[Study and propagation of excavating machine operation methods] Kompleksnoe izuchenie i obobshchenie perevodykh metodov raboty mashinistov ekskavatorov. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1953. 39 p. (MLRA 6:8)

1. Sverdlovskiy gornyy institut im. V.V.Vakhrusheva.
(Excavating machinery)

BELYKH, B. P.

27085 BELYKH, B. P., BOLOTKOVSKIY, S. A.; SOLDATCHENKO, G. F. Iz opyta
sinkhronizatsii asinkhronnykh dvigateley po skheme DAG. (S primech. red.)
Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1949, No.2, s. 47-48.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

BELYKH, B.I.

Develop constructive initiative in dock workers. Rech. transp. 16
no.6:30 Je '57. (MLRA 10:8)

1. Brigadir gruzchikov Gor'kovskogo porta.
(Longshoremen)

Determining the steam-pressure...

S/137/62/000/006/001/163
A006/A101

a condensation coefficient equal to one. It is shown that for all the investigated oxides the coefficient of condensation is actually close to one.

A. Granovskaya

[Abstracter's note: Complete translation]

Card 2/2

S/137/62/000/006/001/163
A006/A101

AUTHORS: Belykh, A. P., Nesmeyanov, An. A.

TITLE: Determining the steam-pressure of lithium, boron, silicon and lead oxides

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 7, abstract 6A41
(In collection: "Fiz.-khim. osnovy proiz-va stali", Moscow, AN SSSR, 1961, 342 - 346)

TEXT: Steam pressure of Li, B, Si and Pb oxides was measured by improved Knudsen and Langmuir methods; the pressure of Pb oxide was also measured by the flow method. The experimental data are expressed by the following equations:
for Li oxide ($1,384 - 1,506^{\circ}\text{K}$) $\lg P_{\text{at}} = 7.481 - 1.840 \times 10^4/T$; for B oxide ($1,299 - 1,515^{\circ}\text{K}$) $\lg P_{\text{at}} = 6.560 - 1.681 \times 10^4/T$; for Si oxide (tridymite $1,601 - 1,754^{\circ}\text{K}$) $\lg P_{\text{at}} = 3.270 - 1.660 \times 10^4/T$; for Pb oxide (massicot, $881 - 1,151^{\circ}\text{K}$) $\lg P_{\text{at}} = 8.700 - 1.384 \times 10^4/T$. Evaporation and sublimation heats of the investigated oxides are calculated. In the processing of results it is assumed that the oxides evaporate in the form of non-dissociated monomeric molecules and have

Card 1/2

S/081/62/000/008/023/057
B160/B101

AUTHORS: Belykh, A. N., Nesmeyanov, An. A.

TITLE: Determining the vapor pressure of lithium, boron, silicon and lead oxides

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 8, 1962, 148, abstract 8Ye11 (Sb. "Fiz.-khim., osnovy proiz-va stali." M., AN SSSR, 1961, 342 - 346)

TEXT: A method and instrument for determining the vapor pressure of the oxides of certain elements are described. The well-known methods of Knudsen and Langmuir are the basis of the experiments. The distinguishing feature of the method is that it is possible to carry out all the operations without breaking the vacuum. The pressures of vapor in equilibrium with condensed oxides over a wide range of temperatures are measured. The partial pressures of the vapor components, the thermodynamic values of the heat of evaporation, the reaction heats etc. are calculated. The condensation coefficient of the oxides studied is shown to be close to unity. [Abstracter's note: Complete translation.]
Card 1/1

YEL'MEYEV, V.Ya., prepodavatel'; IVANOV-OMSKIY, I.I., prepodavatel'; KAZAKOV, A.P., prepodavatel'; NOVOZHILOVA, L.I., prepodavatel'; DROZDOV, A.V., prepodavatel'; KORNEYEV, M.Ya., prepodavatel'; BELYKH, A.K., prepodavatel'; YADOV, V.A., prepodavatel'; ROZHIN, V.P., prof., otv. red.; MIKHLIN, Ye.I., red.; VODOLAGINA, S.D., tekhn. red.

[Base and superstructure of a socialist society] Bazis i nadstroika sotsialisticheskogo obshchestva. Leningrad, Izd-vo Leningr. univ., 1961. 168 p. (MIRA 14:9)

1. Leningrad. Universitet. 2. Filosovskiy fakul'tet Leningradskogo gosudarstvennogo universiteta (for all except Rozhin, Mikhlin, Vodolagina)

(Economics)

~~BELEY, A.K.~~

[Relations between economics and politics in socialist society;
abstract by the author of a dissertation offered for the degree
on candidate of the philosophical sciences] Sootnoshenie
ekonomiki i politiki v sotsialisticheskoy obshchestve; avtoreferat
dissertatsii na soiskanie uchenoi stepeni kandidata filosofskikh
nauk. Leningrad, Leningr.gos.univ., 1958. 20 p. (MIRA 12:2)
(Economics)

BELYKH, Aleksandr Georgiyevich; KUZNETSOVA, A.I., prof., red.;
STRILEVA, G.F., red.; PECHMERSKAYA, T.I., tekhn.red.

[Reclaiming new land from forest and brushwood] Osvoenie
novykh zemel' iz-pod lesa i kustarnikov. Pod red. A.I.
Kuznetsovoi. Irkutsk, Irkutskoe knizhnoe izd-vo, 1960. 89 p.
(MIRA 14:2)

(Irkutsk Province--Reclamation of land)

BELYKH, A.G., kand, sel'skokhozyaystvennykh nauk

Improve the use of vergin land in Eastern Siberia. Zemledelie
25 no.1:26-29 Ja '63. (MIRA 16:4)

1. Irkutskiy sel'skokhozyaystvennyy institut.
(Siberia, Eastern--Field crops)
(Siberia, Eastern--Rotation of crops)

BELIKH, A., polkovnik; CHERNYKH, N., podpolkovnik

Exercise with a company of amphibious personnel carriers.
Vser. vest. 43 no.5:89-92 My '64. (MIRA 17 6)

BELYKH, A. (g. Velikiy Ustyug, Vologodskoy oblasti)

Everybody fulfills his obligations. Prom.koop. 13 no.3:35 Mr '59.
(MIRA 12:4)

(Velikiy Ustiug--Furniture workers)

BABARIKIN, S.; BACHURIKHIN, A., inzh.-mekhanik; BLINOV, M.; BELYKH, A.

Introduce self-service more energetically. Prof.-tekh.obr. 15
no.11:24 N '58. (MIRA 12:1)

1. Komendant tekhnicheskogo uchilishcha No.36, Saratovskaya oblast'
(for Babarykin). 2. Arkhangel'skoye oblastnoye upravleniye trudo-
vykh rezervov (for Bachurikhin).
(Student activities)

BELYKH, A. (g. Velikiy Ustyug, Vologodskoy oblasti).

Leading brigade. Prom.koop. no.7:5 J1 '57.
(Boots and shoes--Repairing)

(MLRA 10:8)

BELYKH, A.

AUTHOR: Belykh, A.

27-6-21/29

TITLE: Gift for the Festival (Podarok k festivalyu)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, Nr. 6(145)
p 29, (USSR)

ABSTRACT: The collective of Trade School Nr. 1 in Velikiy Ustyug, Vologda district, manufactured among others a wood-working machine. The machine was demonstrated at the first Vologda District Festival of Labor Reserves and was awarded a 1st category diploma. It was decided to exhibit it at the All-Union Fair of Technical Works of the Labor Reserves' students. A model of the passenger ship "A. K. Volzhin" was also built by students of this school. There is 1 photo.

ASSOCIATION: Trade School Nr. 1, Velikiy Ustyug (Remeslennoye Uchilishche No 1, Velikiy Ustyug).

AVAILABLE: Library of Congress

Card 1/1

BELYK, V. I.

Belyk, V. I. — "The Yakutsk Squirrel and Changes in Its Numerousness." All-Union Sci Res Inst of the Hunting Trade, Yakutsk Department, Yakutsk, 1954 (Dissertation for the Degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

BELYK, V. I.

PA 2/49T81

USSR/Medicine - Animals
Medicine - Environment

Jun 48

"The Spreading of Sables in Yakut," V. I. Belyk,
 $\frac{1}{2}$ p

"Priroda" No 6

Brief summary on the present habitat of the Yakut
sable.

2/49T81

BEL'YK, V. I.

Belyk, V. I. - "Commercial animals of Yakut," In the symposium: Doklady na
Pervoy Nauch. sessii Yakut. bazy AN SSSR, Yakutsk, 1948, p. 191-253

SG: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

BELIY, V.D., doktor tekhn.nauk; TREYGER, M.B., inzh.

Testing steel cables with electromagnetic devices. Bezop. truda v
prom. 5 no. 5:22-24 My '61. (MIRA 14:5)
(Wire rope---Testing) (Electric instruments)

1. TRAPEZNIKOV, A. A. ; BELYGINA, G. V.
2. USSR (600)
4. Aluminum Organic Compounds
7. Effect of pH during sedimentation of aluminum soaps upon the fiascosity of their olegels, Dokl. AN SSSR, 87, No. 4, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

BFLYCH, S. Ya.

Dissertation: -- "The Determination of Geographic Coordinates From Observation of Star Pairs at Elevations of Plus 45° and Minus 45° ." Cand Tech Sci, Moscow
Inst of Engineers of Geodesy, Aerial Photography, and Cartography, 18 Jun 54.
(Vechernyaya Moskva, Moscow, 9 Jun 54)

SO: Sum 318, 23 Dec. 1954

BELYGA, I.A.

Humoral transfer of excitation from afferent to efferent
sympathetic neurons. Dokl. AN BSSR 5 no.9:409-412 S '61.
(MIRA 14:10)

1. Institut fiziologii AN BSSR.
(NERVES)

BELYAZO, van Afanas'yevich; MARIN'KOVA, G.I., red.

[Plug-type centralized traffic control relay apparatus]
Releinaia apparatura STsB shtepsol'nogo tipa. Moskva,
Transport, 1965. 131 p. (MIRA 18:2)

BELYAZO, I.A., inzh.; MARUTA, P.I., inzh.

Three-wire control system of a switch. Avtom., telem. : ~~svyaz'~~ 9
no.9:36 S '65. (MIRA 18:9)

1. Gosudarstvennyy institut po proyektirovaniyu signalizatsii,
tsentralizatsii, blokirovki, svyazi i radio na zheleznodorozhnom
transporte.

BELIAZO, I.A., inzh.; MARUTA, P.I., inzh.; YEFIMOV, V.Ye., inzh.

Three-wire network for controlling switch drives with three-phase electric motors. Avtom., telem. i svyaz' 8 no. 218-10 J1 '64. (MIRA 1964)

1. Gosudarstvennyy proyektno-izyskatel'skiy institut po proyektirovaniyu signalizatsii, tsentralizatsii, svyazi i radio na zheleznodorozhnom transporte (for Belyaz, Marchuk).
2. Leningradskiy ordena Lenina institut inzhenerov zheleznodorozhnogo transporta imeni akademika V.N. Obrucheva (for Yefimov).

BELYAZO, Ivan Afanas'yevich; DMITRIYEV, Valeriy Razumnikovich; NIKITINA, Yelena Vasil'yevna; PESTRIKOV, Aleksandr Nikolayevich; ZHIL'TSOV, P.N., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Route-relay interlocking systems] Marshrutno-releinaia tsentralizatsiia. Moskva, Vses. izdatel'sko-poligr. ob'edinenie M-va putei soobshcheniia, 1962. 282 p. (MIRA 15:5)

(Railroads--Signaling --Block system)

(Railroads--Signaling--Interlocking systems)

VAN SI-SHI [Wang Hsi-Shih]; U CHZHEN-GUY [Wu Cheng-Kuei]; BELYAZO, I.A.
(Pekin)

Accomplishments in the field of signaling and communications in
the Chinese People's Republic. Avtom.telem.i sviaz' 3 no.10:
4-6 0 '59. (MIRA 13:2)
(China--Railroads--Communication systems)

BEIYAZO, I.A., inzh. (Leningrad); KARGALOV, N.I., kand.tekhn.nauk
(Leningrad)

A.c. electric drive a.c.. Zhel. dor. transp. 40 no.3:65-66 Mr '58.
(MIRA 11:4)
(Electric driving) (Railroads--Switches)

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AVAILABLE: Library of Congress

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formers. There is an insert containing connection diagrams of the interlocking relays discussed in the text. Giprotrans-signalsvyaz' (State Institute for the Design of Railroad Signaling and Communications Equipment) is credited with having developed in 1945 and 1946 two interlocking systems. These systems are described in the present work. No personalities are mentioned. There are no references.

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PHASE I BOOK EXPLOITATION 1083

Belyazo, Ivan Afanas'yevich, Dmitriyev, Valeriy Razumnikovich,
Nikitina, Yelena Vasil'yevna, and Pestrikov, Aleksandr Nikolayevich

Elektricheskiye releynnye tsentralizatsii (Electric Interlocking Systems) Moscow, Transzheldorizdat, 1958. 195 p. 5,000 copies printed.

Ed.: Rakito, E..I.

PURPOSE: This monograph is addressed to engineering and technical workers employed in railroad signalling and communications.

COVERAGE: The book discusses standardized circuits of centralized traffic control systems, which are used today (regardless of the system of control) in designing and constructing electric relay interlocking systems. The function of circuit components and the operation of the circuits as a whole are described for interlocking systems with sectional control. The book describes plug relay designs and presents reference material on relays and trans-

Card 1/7

BELYAZO, I.A., inzh.; LAPTEV, D.L., inzh.

Meter set for testing signaling, central control and block system
relays. Avtom., telem. i svyaz' no. 10:16-17 0 '57 (MIRA 10:11)
(Railroads--Signaling)

BELYAZO, I.A., inzh.

Plug relays. Avtom., telem. i sviaz' no.9:6-10 S '57.

(MIRA 11:4)

(Electric relays)

ALEKSANDROVICH, Yu.B., inzh., red.; CHERNIN, L.A., inzh., red.;
 NAYDICH, I.M., kand. tekhn. nauk, red.; BELYAYKINA, I.V.,
 inzh., red.; NIKOLAYEV, A.A., inzh., red.; SOSHNIKOV, G.F.,
 inzh., red.; FILIMONTSEV, A.V., inzh., red.; POPOVA, V.V.,
 inzh., red.; IFTINKA, G.A., red.izd-va; RODIONOVA, V.M.,
 tekhn. red.

[Construction specifications and regulations] Stroitel'nye
 normy i pravila. Moskva, Gosstroizdat. Pt.1.Sec.G.ch.7[Heating
 systems; materials, equipment, fixtures, elements, and structures]
 Teplovye seti; materialy, oborudovanie, armatura, izdeliia i
 stroitel'nye konstruksii (SNiP I-G.7-62). 1963. 22 p.
 (MIRA 17:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
 stroitel'stva. 2. Gosstroy SSSR (for Aleksandrovich). 3. Mez-
 duvedomstvennaya komissiya po peresmotru Stroitel'nykh norm i
 pravil (for Chernin, Naydich). 4. Vsesoyuznyy Gosudarstvennyy
 institut po proyektirovaniyu teplovykh elektrostantsiy (for
 Belyaykina, Nikolayev, Soshnikov, Filimontsev). 5. Vsesoyuz-
 nyy nauchno-issledovatel'skiy i proyektnyy institut po teplo-
 tekhnicheskim sooruzheniyam (for Popova).

BELYAYKINA, I.V., inzh.; IGNAT'YEVA, N.G., inzh.

Nomographs for calculating the strength of welded heating system
pipes. Elek.sta. 32 no.6:23-26 Je '61. (MIRA 14:8)
(Steam pipes) (Heating from central stations)

BELYAYKIN, T.Ye., inzhener.

Calculating reinforced brick construction elements having cross
reinforcement. Biul.stroi.tekh. 13 no.5:3-8 My '56. (MLRA 9:8)
(Bricks)

ARKHANGEL'SKIY, I.I., prof.; BELYAYEVSKIY, Yu.I., aspirant; OLENEV, V.A.,
kand. veterin. nauk

Veterinary and sanitary control of the quality of milk in
machine milking. Veterinariia 39 no.6:62-68 Je '62
(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii (for Arkhangel'skiy, Belyayevskiy). 2. Vsesoyuznyy
institut elektrifikatsii sel'skogo khozyaystva (for Olenov).

KRASNOV, V.S.; OLENEV, V.A.; BELYAYEVSKIY, Yu.I.; GREBTSOV, P.P., red.;
TRUKHINA, O.N., tekhn. red.

[Correct use of the "herringbone" arrangement]Pravil'no ispol'zo-
vat' "elochku." Moskva, Sel'khozizdat, 1962. 38 p. (MIRA 15:11)
(Milking)

OLENEV, V.A., starshiy nauchnyy sotrudnik; BELYAYEVSKIY, Yu.I.,
nauchnyy sotrudnik

Introducing automatic controls on farm machinery. Zhivotno-
vodstvo 21 no.3:80-84 Mr '59. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikat-
sii sel'skogo khozyaystva.
(Automatic controls)

OLENEV, V., nauchnyy sotrudnik; BELYAYEVSKIY, Yu, nauchnyy sotrudnik

That can be done on every livestock farm. Nauka i pered.op.
v sel'khoz. 9 no.3:35-39 Mr '59. (MIRA 12:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.
(Stock and stockbreeding) (Farm mechanization)

OLENEV, V.A., nauchnyy sotrudnik; BELIAYEVSKIY, Yu.I., nauchnyy sotrudnik

Plastics to satisfy needs in stockbreeding. Zhivotnovodstvo 20
no.9:31-33 S '58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.
(Farm equipment) (Plastics)

OLENEV, V.A., nauchnyy sotrudnik,; BELYAYEVSKIY, Yu.I., nauchnyy sotrudnik

Effectiveness and advantages of milking parlors. Zhivotnovodstvo 20
no. 7:8-16 J1 '58. (MIRA 11:8)

1. Laboratoriya elektromekhanizatsii zhivotnovodstva Vsesoyuznogo
nauchno-issledovatel'skogo instituta elektrifikatsii sel'skogo
khozyaystva.

(Milking)

BELYAYEVSKIY, V.M.; PODBEREZSKIY, Z.B.

Automatic operation of four-channel grooves on the 280 mill. Stal'
20 no.11:1023-1024 N '60. (MIRA 13:10)

1. Odesskiy staleprokatnyy zavod.
(Rolling mills) (Automatic control)

SOV/137-58-11-23383

A Study of the Physical Properties of Solid Solutions (cont.)

increase in supersaturation, and the reduction of electrical resistivity in the vicinity of the quasi-binary section to a decrease in the number of segregations and an increase in their size to a point when they are larger than the free path of conduction electrons.

A. K.

Card 2/2

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 220 (USSR) SOV/137-58-11-23383

AUTHORS: Sirota, N. N., Belyayevskiy, V. I., Shmatova, G. P.

TITLE: A Study of the Physical Properties of Solid Solutions and of Processes of Aging in Al-Mg-Si Alloys Containing 99% Al (Izucheniye fizicheskikh svoystv tverdykh rastvorov i protsessa stareniya splavov Al-Mg-Si, soderzhashchikh 99% Al)

PERIODICAL: Sb. nauchn. tr. Mosk. in-t tsvetn. met. i zolota, Nauchno-tekhn. o-vo tsvetn. metallurgii, 1957, Nr 30, pp 223-234

ABSTRACT: It is shown that the hardness, the modulus of elasticity, and the electrical resistivity of alloys (quenched as well as aged) of the ternary Al-Mg-Si system along a section of the phase diagram corresponding to a constant Al content (99%) exhibit minimum values when the composition of the alloys corresponds to a quasi-binary section of Al-Mg₂Si (0.6 at. %Mg). It is concluded that the change in properties of the quenched alloys is caused by the presence of a short-range order which is most discernible in the vicinity of the quasi-binary section of Al-Mg₂Si. The increase in hardness occurring on both sides of the quasi-binary section after aging is attributable to an

Card 1/2

BELYAYEVSKIY, V.F.

Based on modern technology. Bum.prom. 36 no.3:8-9 Mr '61.

(MIRA 14:4)

1. Nachal'nik Upravleniya bumazhnoy promyshlennosti Sakhalinskogo
sovnarkhoza.

(Sakhalin--Paper industry--Equipment and supplies)

Belyayevskiy, V.F.

BELYAYEVSKIY, V.F., inzh.; MARKOVICH, Ya.L., inzh.

Sakhalin paper industry in the postwar period. Bum. prom. 32 no.12:
15-18 D '57. (MIRA 11:1)

1. Sakhalinskiy sovet narodnogo khozyaystva (for Belyayevskiy).
2. Sakhalinbuntrest (for Markovich).
(Sakhalin--Paper industry)

BURDASTYKH, Yegor, tekhnolog (g.Orel); MAKAROV, V. (g.Arzas);
 KARPUSHCHENKO, V. (Leningrad); SHTENNIKOV, F., personal'nyy
 pensioner (g.Gor'kiy); GODILO, A., kontrol'nyy master (g.Cherkessk);
 VOLKOV, P., inzh.-tekhnolog (g.Cherkessk); BURLAK, M. (g.Makeyevka);
 BELYAYEVSKIY, V., inzh. po izobretatel'stvu i ratsionalizatsii
 (g. Kirovakan); TYURIKOV, A. (g.Omsk)

This is the way we live. Izobr.i rats. no.1:11 '64.

(MIRA 17:4)

1. Zavod imeni Medvedeva (for Burtdastykh). 2. Uchen Soyuz
 zhurnalistov SSSR (for Godilo). 3. Cherkesskiy zavod kholo-
 dil'nogo oborudovaniya, Cherkessk (for Godilo, Volkov). 4. Chlen
 redkollegii mnogotirazhki makeyevskogo metallurgicheskogo zavoda
 "Kirovets", g. Makeyevka (for Burlak). 5. Rukovoditel' Omskogo
 obshchestvennogo konstruktorskogo byuro zheleznodorozhnikov (for
 Tyurikov).

BELYAYEVSKIY, V.

Device for determining the specific pressure of piston
rings. Prom. Arm. 5 no. 10:37-38 0 '62. (MIRA 15:11)
(Compressors--Testing)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204600013-6

BELYAYEVSKIY, N.A.

Introductory address. Metod. peleoog. issl. no. 1:3-5 '64.
(MIRA 18:6)

BELYAYEVSKIY, N.A.

Basic characteristics of the geology of the Karakoram Range. Sov.
geol. 8 no.1:54-75 Ja '65. (MIRA 18:3)

1. Gosudarstvennyy geologicheskii komitet SSSR.

NALIVKIN, D.V. [Nalyvkin, D.V.], glav. red.; BELYAYEVSKIY, N.A.
 [Bieliaievs'kyi, M.A.], zam. glav. red.; TIKHOMIROV,
 V.V. [Tykhomyrov, V.V.], zam. glav. red.; ASSOVS'KIY, A.N.
 [Assovs'kyi, O.M.], red.; MEL'NIKOV, O.D. [Mel'nykov, O.D.],
 red. [deceased]; PEYVE, A.V. [Peive, O.V.], red.; YANSHIN,
 A.L. [IAnshyn, O.L.], red.; MALAKHOVSKIY, V.F. [Malakhovs'kyi,
 V.F.], red. vypuska; YURK, Yu.Yu., prof., red.; MESYATS, Y.A.
 [Misiats', I.O.], red.; BASS, Yu.B. red.; MALAKHOVSKIY, V.F.
 [Malakhovs'kyi, V.F.], red.; NEKRASOV, G.I. [Nekrasov, H.I.],
 red.; SLAVUTSKIY, M.B. [Slavuts'kyi, M.B.], red.; MIKITERKO,
 E.I., red.

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 nost' SSSR. Kiev, Naukova dumka. Vol.33. No.1. 1965. 68 p.
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